

Appl. No. 09/682,024
Amdt. dated September 24, 2003
Reply to Office action of April 24, 2003

REMARKS/ARGUMENTS

In response to the Office Action dated April 24, 2003, applicants offer the following remarks addressing the outstanding Office Action.

Reconsideration is respectfully requested in view of the changes to the specification and claims and the remarks herein.

In response to the Examiner's rejection of claims 1 – 7 under 35 U.S.C. § 103(a) as being unpatentable over Olsen et al '479 in view of Sakurai '794, claims 8 – 10 under 35 U.S.C. § 103(a) as being unpatentable over Olsen '479 in view of Kazama '580 and claims 11 – 16 under 35 U.S.C. § 102(e) as being unpatentable over Sakurai '794, applicants traverses the rejections and believe that the currently amended claims are neither anticipated nor made obvious by Olsen, Sakurai or Kazama, either singularly or in combination.

Applicants' claimed invention requires "A device providing for a display screen and performing predetermined processing by operating a pointer displayed on the display screen, the device comprising: ...a pointer moving device for moving the pointer on the display screen based on the detected displacement of the device itself, wherein the displacement detector comprising an image sensor, wherein an image sensed by the image sensor is processed to obtain a displacement of the device itself." Applicants' claimed invention also requires "A wristwatch type device, comprising: ...a touch sensor mounted in the case or the attached belt for performing a predetermined operation on an object displayed on the screen, wherein the touch sensor is provided on both sides of the display." In addition, applicants' claimed invention further requires "A method for moving a position of a pointer displayed in a display of a device, comprising:

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a first step of using an image sensor to take an image of a physical object facing the device continuously and detecting a relative displacement between the taken object and the display...."

To the contrary, Olsen teaches a pointing device that controls the pointer on the display screen of a separate computer device to which the pointing device is connected via a cable or a wireless communication means. However, Olsen never describes how to control the pointer on the display screen mounted on the pointing device itself. Olsen also fails to teach or suggest a displacement detector comprising an image sensor. Olsen still further fails to teach or suggest applicants' claimed "a touch sensor mounted in the case or the attached belt for performing a predetermined operation on an object displayed on the screen, wherein the touch sensor is provided on both sides of the display." The patents to Sakura '794 and Kazama '580 fail to solve the deficiencies of Olsen. Namely, both Sakura and Kazama both fail to teach or suggest a " displacement detector comprising an image sensor, wherein an image sensed by the image sensor is processed to obtain a displacement of the device itself. The patents to Sakura '794 and Kazama '580 further fail to solve the deficiencies of Olsen. Namely, both Sakura and Kazama both fail to teach or suggest a "touch sensor is provided on both sides of the display." Therefore, it would not have been obvious to one of ordinary skill in the art to combine or modify the teachings of the Olsen in view of Sakurai or Kazama to make applicants claimed invention.

In addition, Sakurai does not anticipate or make obvious applicants' claimed invention. Namely, Sakurai assumes an accelerometer as the motion detection sensor (see figures 1, 14 and 15), whereas applicants' claimed invention requires the use of an image sensor. It is impossible to implement the method described in the Sakurai Patent by using an image sensor.

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In view of the changes to the claims and the remarks herein, applicants believe that the application is now condition for allowance and respectfully request the Examiner to reconsider and allow the above-identified application. If the Examiner wishes to discuss the application further, or if additional information would be required, the undersigned will cooperate fully to assist in the prosecution of this application.

Please charge any fee necessary to enter this paper and any previous paper to deposit account 09-0468.

In the event that this amendment does not result in allowance of all such claims, the undersigned respectfully requests a telephone interview at the Examiner's earliest convenience.

Respectfully submitted,

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